

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES 1   4	
2. AMENDMENT/MODIFICATION NO. 0004		3. EFFECTIVE DATE 27-Jun-2001		4. REQUISITION/PURCHASE REQ. NO. 17172030		5. PROJECT NO.(If applicable)	
6. ISSUED BY NAVAL SURFACE WARFARE CENTER, CARDEROCK PHILADELPHIA NAVAL BUS CTR CODE 3353, ROBERT COLOT 5001 SOUTH BROAD ST PHILADELPHIA PA 19112-1403		CODE N65540		7. ADMINISTERED BY (If other than item 6)  <b>See Item 6</b>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. N65540-01-R-0055	
				X		9B. DATED (SEE ITEM 11) 05-Jun-2001	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.  Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A.THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B.THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C.THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D.OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Answer contractor questions, amend spec							
<small>Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.</small>							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED  27-Jun-2001	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

A. The following provides contractor questions regarding the specifications contained in the Statement of Work in Section C of the Request for Proposal and the Government's answers:

Q1. What is the drum capacity of each winch drum?

A1. Paragraph 6d indicates 1,000 ft of 1-1/4 inch diameter wire rope.

Q2. What is the required size of the gypsy head--length, diameter---(considering the requirement for 5 wraps of 4 in. circumference rope)?

A2. Typical commercial size suitable for minimum 5 wraps of 4 inch circumference rope.

Q3. Amendment 003 is not exactly clear. #2 States that it is desirable that the overall height be minimized. Then it goes on to say that the operators station can be no higher than 4'6" above the highest component.

A3. The word "above" is not used. Operators "station" is not used.

Q4. #3 Then says that the control platform shall be at a height no greater than 4'6" from the highest component. Does the platform have to be above the highest component? If not then what height is acceptable from deck level?

A4. No, it is lower.

Q5. What can the overall height of the highest component be from deck level?

A5. Distance from the deck to the operator platform plus 4'6". There may be some confusion since the operators platform (para 2 amend 0003) is also called control platform (para 3 amend 0003) and the word distance should be used in some places instead of height.

Q6. Paragraph 2i. Due to the fleet angle requirements the drum should be narrowed to ensure proper spooling. In order to accommodate 1,000 feet of line and the additional 6 inches of diameter, we estimate a flange diameter of 58-1/2 inches or almost 5 feet. Is the 4 foot 6 inch maximum height requirement or proper spooling a more important priority in arriving at the winch design?

A6. Resolution provided in Amendment 0003.

Q7. Paragraph 3b The requirement of the wire rope parting before all other components exceeds the specified braking force of the service and band brakes. The specification does not require a pawl brake but refers to a pawl in testing. Is a pawl brake required for the drums? Gypsy?

A7. True. Paragraph 3b. only discusses foundation requirements. Paragraph 6 discusses drum assembly components, and identifies some as (if used) since various configurations are possible to meet the requirements. A pawl assembly is required. Pawl assembly requirements are included in paragraph 6a and 6b. Gypsy requirements are provided in 7. No brake is specified.

Q8. Paragraph 4b The engine requirements exclude the sea water pump accessory. Is sea water an option for cooling the diesel? Do you have in mind an air-cooled or radiator cooled diesel?

A8. Sea water is not available for cooling the diesel. The engine could be radiator cooled.

Q9. Paragraph 4h2. The ambient temperature specifications require operations at 120 degrees F. Fuel must be delivered at 100 degrees F. Do you have any particular cooling options in mind if not an air-cooled heat exchanger?

A9. Air-cooled heat exchanger is definitely a viable option.

Q10. Paragraph 4j. Can you confirm the availability of sea water as an option for insulating the exhaust manifold?

A10. Since sea water is not available, jacket water would have to be used for insulating the exhaust manifold. Many engines use jacket water cooled exhaust manifold(s).

Q11. Paragraph 4n. Alarms for low lube oil pressure are specified. It is XXX's preference to include an automatic shutdown capability to minimize the potential for engine damage caused by the delay of the operator reacting to the alarm and actually shutting down the engine. Does NSWC have any preferences on the matter?

A11. My preference is an alarm instead of automatic shut down. What would happen if a load is being lifted and the engine is shut down automatically due to low lube oil pressure? An alarm would give the operator the option of continuing with the operation until it is safe to shut down the engine or shutting down the engine immediately.

Q12. Paragraph 4o. How is the airborne noise figure of 84 dB arrived at?

A12. This is the Navy's maximum allowable limit that would require no hearing protection. Just beyond this, single protection is required.

Q13. Paragraph 4q. Is a cite available for the RFI/EMI commercial standard? If not, how is this requirement to be measured and tested?

A13. We currently do not have the commercial standards. Use Mil-STD-461E for guidance or commercial standards if available. If the engine is equipped with electronic fuel injection and control system, Mil-STD-461E tests CE102, CS101, CS114, CS116, CE101, RE102, RS101, RS103 (18,000 MHZ) would be applicable.

B. Under Section C, "DESCRIPTION/SPEC/WORK STATEMENT", the following changes are hereby made:

1. Change Paragraph 2.i as follows: Eliminate the 2nd sentence. Change the third sentence to read "It is desirable for the overall height to be minimized, however, the distance from the operator's platform (stand) to the highest component shall not be greater than 4 ft 6 in."

2. Change Paragraph 8b as follows: Add a new sentence to paragraph 8b:

"The operator shall be provided an operator's platform (stand) to stand on during operation at the control station. The operator's platform (stand) shall be at a distance no greater than 4 ft 6 in. below the highest component."